




<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office		Docket No. ISIC0006-102 (ISIS-4380US.C1)	Serial No. 10/780,439
		Applicant <b>Phillip D. Cook et al.</b>	
		Filing Date 02/17/2004	Group 1637
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
JF	AA	Asseline, U. et al., "Solid-Phase Preparation of 5'-3'-Heterobifunctional Oligodeoxyribonucleotides Using Modified Solid Supports", <i>Tetrahedron</i> 1992, 48, 1233-1254	
	AB	Asseline, U. et al., "Nucleic acid-binding molecules with high affinity and base sequence specificity: Intercalating agents covalently linked to oligodeoxynucleotides", <i>Proc. Natl. Acad. Sci. USA</i> 1984, 81, 3297-3301	
	AC	Atherton, E. et al., <u>The Peptides</u> , Gross and Meienhofer, Eds, Academic Press; New York, Vol. 9:1-38, 1983	
	AD	Baker, B.F., "Decapitation of a 5'-Capped Oligoribonucleotide by o-Phenanthroline: CU(II)", <i>J. Am. Chem. Soc.</i> 1993, 115, 3378-3379	
	AE	Beaucage, S. et al., "Advances in the Synthesis of Oligonucleotides by the Phosphoramidite Approach", <i>Tetrahedron</i> 1992, 48, 2223-2311	
	AF	Bennett, C.F. et al., "Cationic Lipids Enhance Cellular Uptake and Activity of Phosphorothioate Antisense Oligonucleotides", <i>Molecular Pharmacology</i> 1991, 41, 1023-1033	
	AG	Betebenner, D.A., et al., "Hepatobiliary Delivery of Polyaminopolycarboxylate Chelates: Synthesis and Characterization of a Cholic Acid Conjugate of EDTA and Biodistribution and Imaging Studies with Its Indium-111 Chelate", <i>Bioconjugate Chem.</i> 1991, 2, 117-123	
	AH	Bischoff, R. et al., "Introduction of 5'-Terminal Functional Groups into Synthetic Oligonucleotides for Selective Immobilization", <i>Analy. Biochem.</i> 1987, 164, 336-344	
	AI	Blackburn, G. et al., "Studies in Phosphorylation. Part XXIX. The Synthesis of Dialkyl Phosphates from Monoalkyl Phosphonates: Direct Oxidative Esterification", <i>J. Chem. Soc.</i> 1966, 239-245	
JF	AJ	Chiang, M.-Y. et al., "Antisense Oligonucleotides Inhibit Intercellular Adhesion Molecule 1 Expression by Two Distinct Mechanisms", <i>J. of Biol. Chem.</i> 1991, 266, 18162-18171	
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JF	AK	Chollet, A., "Selective Attachment of Oligonucleotides to Interleukin-1 beta and Targeted Delivery to Cells", <i>Nucleosides &amp; Nucleotides</i> 1990, 9, 957-966.	
	AL	Cohen, J. in <i>Oligonucleotides: Antisense Inhibitors of Gene Expression</i> , CRC Press, Inc., Boca Raton, FL, 1989	
	AM	Corey, D. et al., "Sequence-Selective Hydrolysis of Duplex DNA by an Oligonucleotide-Directed Nuclease", <i>J. Am. Chem. Soc.</i> 1989, 111, 8523-8525.	
	AN	Corey, D. et al., "Generation of a Hybrid Sequence-Specific Single-Stranded Deoxyribonuclease", <i>Science</i> 1987, 238, 1401-1403.	
	AO	Damha, M. et al., "An Improved Procedure for Derivatization of Controlled-Pore Glass Beads for Solid-Phase Oligonucleotide Synthesis", <i>Nuc. Acids Res.</i> 1990, 18, 3813-3821.	
	AP	Delgado, C. et al., "The Uses and Properties of PEG-Linked Proteins", <i>Critical Reviews in Therapeutic Drug Carrier Systems</i> 1992, 9, 249-304.	
	AQ	Dingwall, C., et al., "Protein Import Into the Cell Nucleus", <i>Ann. Rev. Cell Biol.</i> 1986, 2, 367-90.	
	AR	DiZio, J. et al., "Progestin-Thenium Complexes: Metal-Labeled Steroids with High Receptor Binding Affinity, Potential Receptor-Directed Agents for Diagnostic of Therapy", <i>Bioconjugate Chem.</i> 1991, 2, 353-366.	
	AS	Dreyer, G. et al., "Sequence-Specific Cleavage of Single-Stranded DNA: Oligodeoxynucleotide-EDTA.Fe(II)", <i>PNAS USA</i> 1985, 82, 968-972.	
JF	AT	Egholm, M. et al., "Peptide Nucleic Acids (PNA). Oligonucleotide Analogues with an Achiral Peptide Backbone", <i>J. Am. Chem. Soc.</i> 1992, 114, 1895-1897.	
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	AV	Fidanza, J. et al., "Site-Specific Labeling of DNA Sequences Containing Phosphorothioate Diesters", <i>J. Am. Chem. Soc.</i> 1992, 114, 5509-5517.	
	AW	Fidanza, J. et al., "Use of a Thiol Tether for the Site-Specific Attachment of Reporter Groups of DNA", <i>J. Org. Chem.</i> 1992, 57, 2340-2346.	
	AX	Froehler, B. et al., "Synthesis of DNA via Deoxynucleoside H-Phosphonate Intermediates", <i>Nucleic Acids Research</i> 1986, 14, 5399-5407.	
	AY	Gaur, R. et al., "A Simple Method for the Introduction of Thiol Group at 5'-Termini of Oligodeoxynucleotides", <i>Nuc. Acids Res.</i> 1989, 17, 4404.	
	AZ	Greene et al., <i>Protective Groups in Organic Synthesis</i> , 2nd edition, New York, John Wiley & Sons, pp. 178-223, 1991	
	BA	Greenfield, L. et al., "Thiol-Containing Cross-Linking Agent with Enhanced Stearic Hindrance", <i>Bioconjugate Chem.</i> 1990, 1, 400-410.	
	BB	Guerra, F.I. et al., "Synthetic 7-Glucosyl Phospholipid as a Drug Transport System", <i>Tetrahedron Letters</i> 1987, 28, 3581-3584.	
	BC	Haralambidis J., et al., "Preparation of Base-modified Nucleosides Suitable for Non-Radioactive Label Attachment and Their Incorporation Into Synthetic Oligodeoxyribonucleotides", <i>Nucleic Acids Research</i> 1987, 15, 4857-4876.	
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	BG	Jablonski, E. et al., "Preparation of Oligodeoxynucleotide-Alkaline Phosphatase Conjugates and Their Use as Hybridization Probes", <i>Nucleic Acid Research</i> 1986, 14, 6115-28.	
	BH	Juby, C.D., et al., "Facile Preparation of 3'Oligonucleotide-Peptide Conjugates", <i>Tetrahedron Letters</i> 1991, 32, 879-882.	
	BI	Krieg, A.M., et al., "Uptake of Oligodeoxyribonucleotides by Lymphoid Cells Is Heterogeneous and Inducible", <i>Antisense Research and Development</i> 1991 1, 161-171.	
	BJ	Lemaitre, M. et al., "Specific Antiviral Activity of a Poly(L-lysine)-Conjugated Oligodeoxyribonucleotide Sequence Complementary to Vesicular Stomatitis Virus N Protein mRNA Initiation Site", <i>PNAS USA</i> 1987, 84, 648-652.	
	BK	Leonetti, J.P. et al, "Biological Activity of Oligonucleotide-Poly(L-lysine) Conjugates: Mechanism of Cell Uptake", <i>Bioconjugate Chem.</i> 1990, 1, 149-153.	
	BL	Letsinger, R.L., et al., "Cholesteryl-Conjugated Oligonucleotides: Synthesis, Properties, and Activity as Inhibitors of Replication of Human Immunodeficiency Virus in Cell Culture", <i>Proc. Natl. Acad. Sci. USA</i> 1989, 86, 6553-6556.	
	BM	MacMillan, A. et al, "Synthesis of Functionally Tethered Oligodeoxynucleotides by the Convertible Nucleoside Approach", <i>J. Org. Chem.</i> 1990, 55, 5931-5933.	
JF	BN	Manoharan, M. et al., "Novel Functionalization of the Sugar Moiety of Nucleic Acids For Multiple Labeling in the Minor Groove", <i>Tetra.Ltrs.</i> 32:7171-7174 (1991).	
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	BP	Miller, P.S. et al., "A New Approach to Chemotherapy Based on Molecular Biology and Nucleic Acid Chemistry: Matagen: Masking Tape for Gene Expression", <i>Anti-Cancer Drug Design</i> 1987, 2, 117-128.	
	BQ	Mirabelli, C.K. et al., "In vitro and in vivo pharmacologic activities of antisense oligonucleotides", <i>Anti-Cancer Drug Design</i> 1991, 6, 647-661.	
	BR	Mori, K. et al., "Synthesis and Properties of Novel 5'-Linked Oligos", <i>Nucleosides &amp; Nucleotides</i> 1989, 8, 649-657.	
	BS	Nelson, P. et al., "Bifunctional Oligonucleotide Probes Synthesized Using a Novel CPG Support Are Able to Detect Single Base Pair Mutants", <i>Nuc. Acids Res.</i> 1989, 17, 7187-7194.	
	BT	Ouchi, T. et al., "Synthesis and Antitumor Activity of Poly(Ethylene Glycol)s Linked to 5-Fluorouracil Via a Urethan or Urea Bond", <i>Drug Design and Discovery</i> 1992, 9, 93-105.	
	BU	Pidgeon, C. et al., "Synthesis and Liposome Encapsulation of Antisense Oligonucleotide-Intercalator Conjugates", <i>Annals New York Academy of Sciences</i> pp. 593-596.	
	BV	Ramirez, F. et al., "Nucleotidophospholipids: Oligonucleotide Derivatives with Membrane-Recognition Groups", <i>J. Am. Chem. Soc.</i> 1982, 104, 5483-5486.	
	BW	Ravasio, N. et al., "Selective Hydrogenations Promoted by Copper Catalysts. 1. Chemoselectivity, Regioselectivity, and Stereoselectivity in the Hydrogenation of 3-Substituted Steroids", <i>J. Org. Chem.</i> 1991, 56, 4329-4333.	
JF	BX	Shea, R. et al., "Synthesis, Hybridization Properties and Antiviral Activity of Lipid-Oligodeoxynucleotide Conjugates", <i>Nuc. Acids Res.</i> 1990, 18, 3777-3783.	
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JF	BY	Sigman, D.S., "Chemical Nucleases", <i>Biochemistry</i> 1990, 29, 9097-9105.	
	BZ	Sinha, N.D. et al., "The Preparation and Application of Functionalized Synthetic Oligonucleotides: III. Use of H-Phosphonate Derivatives of Protected Amino-Hexanol and Mercapto-Propanol or -Hexanol", <i>Nucleic Acids Res.</i> 1988, 16, 2659-2669.	
	CA	Sluka, J. et al., "Reagents and Methods for the Solid-Phase Synthesis of Protein-EDTA for Use in Affinity Cleaving", <i>J. Am. Chem. Soc.</i> 1990, 112, 6369-6374.	
	CB	Smith-Jones, P. et al., "Antibody Labeling with Copper-67 Using the Bifunctional Macrocycle 4-((1,4,8,11-Tetraazacyclotetradec-1-yl)methyl)Benzoic Acid", <i>Bioconjugate Chem.</i> 1991, 2, 415-421.	
	CC	Solomons, T.W. et al., <i>Organic Chemistry</i> , John Wiley & Sons, New York, pp. 818-819, 1980.	
	CD	Sproat, B. et al., "The Synthesis of Protected 5'-Mercapto-2',5'-Dideoxyribonucleoside-3'-O-Phosphoramidites; Uses of 5'-Mercapto-Oligodeoxyribonucleotides", <i>Nucleic Acids Res.</i> 1987, 15, 4837-4848.	
	CE	Stein, C. et al., "Antisense Oligonucleotides as Therapeutic Agents—Is the Bullet Really Magical?" <i>Science</i> 1993, 261, 1004-1012.	
	CF	Telser, J. et al., "Synthesis and Characterization of DNA Oligomers and Duplexes Containing Covalently Attached Molecular Labels: Comparison of Biotin, Fluorescein, and Pyrene Labels by Thermodynamic and Optical Spectroscopic Measurements", <i>J. Am. Chem. Soc.</i> , 1989, 111, 6966-6976	
✓	CG	Tseng, B. et al., "Antisense Oligonucleotide Technology in the Development of Cancer Therapeutics", <i>Cancer Gene Therapy</i> 1994, 1(1), 65-71.	
JF	CH	Uhlmann, E. and A. Peyman, "Antisense Oligonucleotides: A New Therapeutic Principle", <i>Chem. Rev.</i> 1990, 90, 543-584.	
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	CJ	Veber, D. et al., "Isonicotinyloxycarbonyl, a Novel Amino Protecting Group for Peptide Synthesis", <i>J. Org. Chem.</i> 1977, 42, 3286-3288.	
	CK	Wagner, D. et al., "Preparation and Synthetic Utility of Some Organotin Derivatives of Nucleosides", <i>J. Org. Chem.</i> 1974, 39, 24-30.	
	CL	Wychowski, C. et al., "The Intranuclear Location of Simian Virus 40 Polypeptides VP2 and VP3 Depends on a Specific Amino Acid Sequence", <i>J. Virol.</i> 1987, 61, 3862-3869.	
	CM	Yamana, K. et al., "Synthesis of Oligonucleotide Derivatives with Pyrene Group at Sugar Fragment", <i>Tetrahedron Lett.</i> 1991, 32, 6347-6350.	
	CN	Yamana, K. et al., "Synthesis and Interactive Properties of an Oligonucleotide with Anthraquinone at the Sugar Fragment", <i>Bioconjugate Chem.</i> 1990, 1, 319-324.	
	CO	Yoneda, Y. et al., "Synthetic Peptides Containing a Region of SV40 Large T-Antigen Involved in Nuclear Localization Direct the Transport of Proteins Into the Nucleus", <i>Experimental Cell Research</i> 1987, 170, 439.	
	CP	Zhang, Z. and McCormick, "Uptake of N-(4'-pyridoxyl)amines and Release of Amines by Renal Cells: A Model for Transporter-Enhanced Delivery of Bioactive Compounds", <i>PNAS USA</i> 1991, 88, 10407-10410.	
↓	CQ	Zuckermann, R. et al., "Site-Selective Cleavage of RNA by a Hybrid Enzyme", <i>J. Am. Chem. Soc.</i> 1988, 110, 1614-1615.	
JF	CR	Zuckermann et al., "Efficient Methods for Attachment of Thiol Specific Probes to The 3'-Ends of Synthetic Oligodeoxyribonucleotides", <i>Nucleic Acids Research</i> 1987, 15, 5305-5320.	
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	CT	Stein, C.A. and Cohen, "Oligodeoxynucleotides as Inhibitors of Gene Expression: A Review", <i>Cancer Research</i> 1988, 48, 2659-2668.	
	CU	Walder, R. and Walder, "Role of RNase H in hybrid-arrested translation by antisense oligonucleotides", <i>PNAS USA</i> 1988, 85, 5011-5015.	
	CV	Walder, J., "Antisense DNA and RNA: Progress and Prospects" <i>Genes and Development</i> 1988, 2, 502-504.	
	CW	Marcus-Sekura, "Techniques for Using Antisense Oligodeoxyribonucleotides to Study Gene Expression", <i>Anal. Biochemistry</i> 1988, 172, 289-295.	
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	CZ	Ikehara, M. et al., "Polynucleotides. LII. synthesis and properties of poly (2'-deox-2'-fluoroadenylic acid)", <i>Nucleic Acids Research</i> 1978, 5, 1877-1887.	
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JF	DB	Ikehara, M. et al., "A Linear Relationship Between Electronegativity of 2'-Substituents and conformation of Adenine Nucleosides", <i>Tetrahedron Letters</i> 1979, 42, 4073-4076.	
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	DE	Inoue, H. et al., "Synthesis and hybridization studies on two complementary nona(2'-O-methyl) ribonucleotides", <i>Nucleic Acids Research</i> 1987, 15, 6131-6148.	
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	DO	Cazenave et al., "Enzymatic Amplification of Translation Inhibition of Rabbit $\beta$ -globin mRNA Mediated by Anti-Messenger Oligodeoxynucleotides Covalently Linked to Intercalating Agents", <i>Nucl. Acids Res.</i> , 1987, 15, 4717-4736	
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	DS	Jager, A. et al., "Oligonucleotide N-Alkylphosphoramidates: Synthesis and Binding to Polynucleotides", <i>Biochemistry</i> , 1988, 27, 7237-7246	
	DT	Jayaraman, K. et al., "Selective inhibition of escherichia coli protein synthesis and growth by nonionic oligonucleotides complementary to the 3' end of 16S rRNA", <i>PNAS USA</i> 1981, 78, 1537-1541.	
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	HU	Gold et al., <i>Escherichia coli and Salmonella typhimurium: Cellular and Molecular Biology</i> , 1987, Vol. 2, Neidhardt et al., eds., American Society for Microbiology, Washington, D.C., 1303	
	HV	Gottesman et al., "The Multidrug Transporter, a Double-edged Sword", <i>J. Biol. Chem.</i> , 1988, 263, 12163	
	HW	Ho et al., "Potent Antisense oligonucleotides to the human multidrug resistance-1 mRNA are rationally selected by mapping RNA accessible sites with oligonucleotide libraries", <i>Nucl. Acids Res.</i> , 1996, 24, 1901	
	HX	Ishida et al., "Multidrug Resistance in Cultured Human Leukemia and Lymphoma Cell Lines Detected by a Monoclonal Antibody, MRK16", <i>Jpn. J. Cancer Res.</i> , 1989, 80, 1006	
	HY	Kabanov, A.V., "A new class of antivirals: antisense oligonucleotides combined with a hydrophobic substituent effectively inhibit influenza virus reproduction and synthesis of virus-specific proteins in MDCK cells", <i>FEBS Letts.</i> , 1990, 259, 327-330	
	HZ	Kanagasundaram, V. et al., "Isolation and Characterization of the gene encoding gluconolactonase from <i>Zymomonas mobilis</i> ", <i>Biochimica et Biophysica Acta</i> , 1992, 1171, 198-200	
	IA	Kane et al., "A new vector using the human multidrug resistance gene as a selectable marker enables overexpression of foreign genes in eukaryotic cells", <i>Gene</i> , 1989, 84, 439	
JF	IB	Kaji et al., "Structurally Distinct MDR Modulators Show Specific Patterns of Reversal Against P-Glycoproteins Bearing Unique Mutations at Serine <sup>939/941</sup> ", <i>Biochemistry</i> , 1994, 33, 5041	
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	ID	Kobayashi et al., "Reversal of Drug Sensitivity in Multidrug-Resistant Tumor Cells by an MDR1 (PG1) Ribozyme", <i>Cancer Res.</i> , 1994, 54, 1271	
	IE	Krieg, A.M. et al., "Modification of antisense phosphodiester oligonucleotides by a 5' cholesteryl moiety increases cellular association and improves efficacy", <i>Proc. Nat'l. Acad. Sci.</i> , 1993, 90, 1048-1052	
	IF	MacKellar, C. et al., "Synthesis and physical properties of anti-HIV antisense oligonucleotides bearing terminal lipophilic groups", <i>Nucl. Acids Res.</i> , 1992, 20, 3411-3417	
	IG	Manoharan, M. et al., "Lipidic Nucleic Acids", <i>Tetrahedron Letts.</i> , 1995, 36, 3651-3654	
	IH	Manoharan, M. et al., "Introduction of a Lipophilic Thioether Tether in the Minor Groove of Nucleic Acids for Antisense Applications", <i>Bioorg. Med. Chem. Letts.</i> , 1993, 3, 2765-2770	
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	IK	Manoharan M. et al., "Oligonucleotide Conjugates: Alteration of the Pharmacokinetic Properties of Antisense Agents", <i>Nucleosides and Nucleotides</i> , 1995, 14, 969-973	
	IL	Martin, P., "Ein neuer Zugang zu 2'-O-Alkylribonucleosiden und Eigenschaften deren Oligonucleotide", <i>Helvetica Chemica Acta</i> , 1995, 78, 486-504	
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	IO	Mishra, R.K. et al., "Improved leishmanicidal effect of phosphorotioate antisense oligonucleotides by LDL-mediated delivery", <i>Biochim. Et Biophysica</i> , 1995, 1264, 229-237	
	IP	Monaco, L. et al., "Structure of Two Rat Genes Coding for Closely Related Rolipram-sensitive cAMP Phosphodiesterases", <i>J. Biol. Chem.</i> , 1994, 269, 347-357	
	IQ	Oberhauser, B. et al., "Effective incorporation of 2'-O-methyl-oligonucleotides into liposomes and enhanced cell association through modification with thiocholesterol", <i>Nucl. Acids Res.</i> , 1992, 20, 533-538	
	IR	Olsen, S.R. et al., "Inhibition of Protein Kinase-A by Overexpression of the Cloned Human Protein Kinase Inhibitor", <i>Mol. Endocrinol.</i> , 1991, 5, 1246-1256	
	IS	Palfner et al., "Improvement of Hammerhead Ribozymes Cleaving mdr-1 RNA", <i>Biol. Chem. Hoppe-Seyler</i> , 1995, 376, 289	
	IT	Perri et al., "Interactions of Plasmid-encoded Replication Initiation Proteins with the Origin of DNA Replication in the Broad Host Range Plasmid RK2", <i>J. Biol. Chem.</i> , 1991, 266, 12536	
	IU	Pushpa-Reka, T.R. et al., "Rat Phospholipid-hydroperoxide Glutathione Peroxidase", <i>J. Biol. Chem.</i> , 1995, 270, 26993-26999	
	IV	Richert et al., "Stability and Covalent Modification of P-Glycoprotein in Multidrug-Resistant KB Cells", <i>Biochemistry</i> , 1988, 28, 7607	
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	IY	Saison-Behmoaras, T. et al., "Short modified antisense oligonucleotides directed against Ha-ras point mutation induce selective cleavage of the mRNA and inhibit T24 cells proliferation", <i>EMBO J.</i> , 1991, 10, 1111-1118	
	IZ	Sambrook et al. (eds.), "Preparation of Radiolabeled DNA and RNA Probes", <i>Molecular Cloning: A Laboratory Manual</i> , 1989, 2d. Ed., Chapter 10, 10.59	
	JA	Saul, D.J. et al., "celB, a Gene Coding for a Bifunctional Cellulase from the Extreme Thermophile <i>Caldocellum saccharolyticum</i> ", <i>Applied &amp; Env. Microbiol.</i> , 1990, 56, 3117-3124	
	JB	Scanlon et al., "Ribozyme-mediated reversal of the multidrug-resistant phenotype", <i>Proc. Natl. Acad. Sci.</i> , 1994, 91, 11123	
	JC	Shoji et al., "Mechanism of cellular uptake of modified oligodeoxynucleotides containing methylphosphonate linkages", <i>Nucl. Acids Res.</i> , 1991, 19, 5543	
	JD	Svinarchuk, F.P. et al., "Inhibition of HIV proliferation in MT-4 cells by antisense oligonucleotide conjugated to lipophilic groups", <i>Biochimie</i> , 1993, 79, 49-54	
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	JJ	Weiss, R., "Upping the Antisense Ante: Scientists bet on profits from reverse genetics", <i>Science News</i> , 1991, 139, 108-109	
	JJ	Westermann, P. et al., "Inhibition of expression of SV40 virus large T-antigen by antisense oligodeoxyribonucleotides", <i>Biomed. Biochim. Acta.</i> , 1989, 48, 85-93	
	JK	Tseng, B.Y. et al., "Antisense oligonucleotide technology in the development of cancer therapeutics", <i>Cancer Gene Therapeutics</i> , 1994, 1, 65-71	
	JL	Uhlmann, E. et al., "Antisense Oligonucleotides: A New Therapeutic Principle", <i>Chem. Reviews</i> , 1990, 90, 544-584	
	JM	James, W., "Towards gene-inhibition therapy: a review of progress and prospects in the field of antiviral antisense nucleic acids and ribozymes", <i>Antiviral Chem. &amp; Chemotherapy</i> , 1991, 2, 191-214	
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JF	JQ	Haug et al., "A Phase I Trial of Immunosuppression with Anti-ICAM-1 (CD54) mAb in Renal Allograft Recipients", <i>Transplantation</i> , 1993, 55, 766-773	
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	JW	Nickoloff et al., "Accessory Cell Function of Keratinocytes for Superantigens", <i>J. Immunol.</i> , 1993, 150, 2148-2159	
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	KD	Goodchild, J. et al., "Inhibition of human immunodeficiency virus replication by antisense oligodeoxynucleotides", <i>Proc. Natl. Acad. Sci.</i> , 1988, 85, 5507-5511	
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	KQ	Rothenberg, M. et al., "Oligodeoxynucleotides as Anti-Sense Inhibitors of Gene Expression: Therapeutic Implications", <i>J. Natl. Cancer Inst.</i> , 1989, 81, 1539-1544	
	KR	Staunton, D.E. et al., "Primary Structure of ICAM-1 Demonstrates Interaction between Members of the Immunoglobulin and Integrin Supergene Families", <i>Cell</i> , 1988, 52, 925-933	
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	KT	Stein, C. et al., "Antisense Oligonucleotides as Therapeutic Agents - Is the Bullet Really Magical?", <i>Science</i> , 1993, 261, 1004-1012	
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	LT	Ing, N.H. et al., "In vivo transcription of a progesterone-responsive gene is specifically inhibited by a triplex-forming oligonucleotide", <i>Nucl. Acids Res.</i> , 1993, 21, 2789	
	LU	Kishimoto, T.K. et al., "The Leukocyte Integrins", <i>Adv. Immunol.</i> , 1989, 46, 149-182	
	LV	Iyer, R. al., "3H-1,2-Benzodithiole-3-one 1,1-Dioxide as an Improved Sulfurizing Reagent in the Solid-Phase Synthesis of Oligodeoxyribonucleoside Phosphorothioates", <i>J. Am. Chem. Soc.</i> , 1990, 112, 1253-1254	
	LW	Reed, M.W. et al., "Acridine- and Cholesterol-Derivatized Solid Supports for Improved Synthesis of 3'-Modified Oligonucleotides", <i>Bioconjugate Chem.</i> , 1991, 2, 217	
✓	LW1	BLUM, et al., "Inhibition of hepatitis B virus by antisense oligodeoxynucleotides," <i>Lancet</i> 337:1230 (1991).	
JF	LW2	LETSINGER, et al., "Cholesteryl conjugated oligonucleotides: synthesis properties, etc." <i>Proc. Natl. Acad. Sci.</i> (1989) 86:6553-6556.	
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<b>List of Patent and Publications Cited by Applicant (Use several sheets if necessary)</b>  <b>U.S. Department of Commerce Patent and Trademark Office</b>				<b>Applicant</b> <b>Philip D. Cook et al.</b>			
				<b>Filing Date</b> 02/17/2004		<b>Group</b> 1637	
<b>U. S. PATENT DOCUMENTS</b>							
<b>Examiner Initial</b>		<b>Document No.</b>	<b>Date</b>	<b>Name</b>	<b>Class</b>	<b>Subclass</b>	
JF	LX	3,687,808	08/29/82	Merigan, Jr. et al	195	28	
	LY	4,910,300	03/20/90	Urdea et al.	536	287	
	LZ	4,958,013	09/18/90	Letsinger	536	27	
	MA	5,466,786	11/14/95	Buhr et al.	536	26.26	
	MB	5,015,733	05/14/91	Smith et al.	536	23	
	MC	5,108,921	04/28/92	Low et al.	435	240.1	
	MD	5,470,967	11/28/95	Huie et al.	536	24.3	
	ME	5,578,718	11/26/96	Cook et al.	536	27.21	
	MF	5,284,931	02/08/94	Springer et al.	424	85.8	
↓	MG	5,514,788	05/07/96	Bennett et al.	536	23.1	
JF	MH	5,580,969	12/03/96	Hoke et al.	536	24.5	
<b>FOREIGN PATENT DOCUMENTS</b>							
<b>Examiner Initial</b>		<b>Document No.</b>	<b>Date</b>	<b>Country</b>	<b>Translation YES NO</b>		
JF	MI	EP0251283	01/07/88	EPO	X		
JF	MJ	WO 86/02929	05/22/86	PCT	X		
JF	MK	WO 90/10448	09/20/90	PCT	X		
JF	MM	WO 89/02931	04/06/89	PCT	X		
JF	MN	WO 92/05186	04/02/93	PCT	X		
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<b>U. S. PATENT DOCUMENTS</b>							
Examiner Initial		Document No.	Date	Name	Class	Subclass	
JF	MO	5,585,479	12/17/96	Hoke et al.	536	24.5	
	MP	5,596,090	01/21/97	Hoke et al.	536	24.5	
	MQ	4,689,320	08/25/87	Kaji	514	44	
	MR	4,806,463	02/21/89	Goodchild et al.	435	5	
	MS	5,034,506	7/1991	Summerton et al.	528	391	
	MT	5,087,617	02/11/92	Smith	514	44	
	MU	5,098,890	03/24/92	Gerwirtz et al.	514	44	
	MV	5,135,917	08/04/92	Burch	514	44	
	MW	5,138,045	08/11/92	Cook et al.	536	27	
↓	MX	5,166,195	11/24/92	Ecker	514	44	
JF	MY	4,743,535	5/1988	Carrico	435	6	
<b>FOREIGN PATENT DOCUMENTS</b>							
Examiner Initial		Document No.	Date	Country	Translation YES NO		
JF	MZ	WO 91/00243	06/26/90	PCT	X		
↓	NA	WO 91/15500	10/17/91	PCT	X		
↓	NB	WO 91/14696	11/03/91	PCT/US91/02224	X		
JF	NC	WO 96/02556	02/01/96	PCT	X		
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<b>U. S. PATENT DOCUMENTS</b>							
Examiner Initial		Document No.	Date	Name	Class	Subclass	
JF	ND	5,194,428	03/16/93	Agrawal et al.	514	44	
	NE	5,218,105	06/08/93	Cook et al.	536	25.31	
	NF	5,242,906	09/07/93	Pagano et al.	514	44	
	NG	5,264,423	11/23/93	Cohen et al.	514	44	
	NH	5,276,019	01/04/94	Cohen et al.	514	44	
	NI	5,286,717	02/15/94	Cohen et al.	514	44	
	NJ	5,459,255	10/17/95	Cook et al.	536	27.13	
	NK	5,510,239	04/23/96	Baracchini, Jr. et al.	435	6	
	NL	5,272,263	12/1993	Hession	536	23.5	
JF	NM	5,378,825	01/03/95	Cook et al.	536	25.34	
<b>FOREIGN PATENT DOCUMENTS</b>							
Examiner Initial		Document No.	Date	Country	Translation YES NO		
JF	NN	WO 89/12060	12/14/89	PCT	XX		
JF	NO	WO 90/13300	11/15/90	PCT	XX		
JF	NP	WO 95/06659	03/09/95	PCT	XX		
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<b>U. S. PATENT DOCUMENTS</b>							
Examiner Initial		Document No.	Date	Name	Class	Subclass	
JF	NQ	5,212,295	05/18/93	Cook	536	26.7	
	NR	5,223,618	06/29/93	Cook et al.	544	276	
	NS	5,386,023	01/31/95	Sanghvi et al.	536	25.3	
	NT	5,457,191	10/10/95	Cook et al.	536	27.13	
	NU	5,506,351	04/09/96	McGee	536	55.3	
	NV	5,521,302	05/28/96	Cook	536	25.31	
	NW	5,539,082	07/23/96	Nielsen et al.	530	300	
↓	NX	5,541,307	07/30/96	Cook et al.	536	23.1	
JF	NY	5,554,746	09/10/96	Ravikumar et al.	540	200	
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<b>Examiner Initial</b>		<b>Document No.</b>	<b>Date</b>	<b>Name</b>	<b>Class</b>	<b>Subclass</b>	
JF	NZ	5,571,902	11/05/96	Ravikumar et al.	536	22.1	
	OA	5,587,361	12/24/96	Cook et al.	514	44	
	OB	5,587,469	12/24/96	Cook et al.	536	23.1	
	OC	5,587,470	12/24/96	Cook et al.	536	23.1	
	OD	5,591,623	01/07/97	Bennett et al.	435	240.2	
	OE	5,599,797	02/04/97	Cook et al.	514	44	
	OF	5,602,240	02/11/97	De Mesmaecker et al.	536	22.1	
	OG	5,608,046	03/04/97	Cook et al.	536	23.1	
V	OH	5,610,289	03/11/97	Cook et al.	536	25.34	
JF	OI	5,618,704	04/08/97	Sanghvi et al.	435	91.5	
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<b>Examiner Initial</b>		<b>Document No.</b>	<b>Date</b>	<b>Country</b>	<b>Translation YES NO</b>		
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JF	OJ	5,623,070	04/22/97	Cook et al.	536	27.6
	OK	5,670,633				
	OL	5,677,437	10/14/97	Teng et al.	536	23.1
	OM	07/558,806	07/27/90	Cook et al.		
	ON	07/463,358	01/11/90	Cook et al.		
	OP	07/782,374	10/24/91	Manoharan et al.		
	OQ	08/039,979	03/30/93	Sanghvi et al.		
	OR	08/039,846	03/30/93	Teng et al.		
V	OS	08/317,289	10/03/94	Sanghvi et al.		
JF	OT	08/383,666	02/03/95	Cook et al.		

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					YES	NO

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<b>Examiner Initial</b>		<b>Document No.</b>	<b>Date</b>	<b>Name</b>	<b>Class</b>	<b>Subclass</b>	
JF	OU	4,605,735	08/12/86	Miyoshi et al.	536	27	
↓	OV	4,835,263	05/30/89	Nguyen et al.	536	27	
	OW	4,904,582	02/27/90	Tullis	3435	6	
JF	OWL	5,324,654	06/1994	Bredesen	435	240.2	
<b>FOREIGN PATENT DOCUMENTS</b>							
<b>Examiner Initial</b>		<b>Document No.</b>	<b>Date</b>	<b>Country</b>	<b>Translation YES NO</b>		
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